Amendments to the Abstract:

Please replace the Abstract of the Disclosure with the following amended paragraph:

A method for implementing a speckle reduction filter ~~are described.~~ is described. The method includes receiving a processed data stream from a processor, dividing the processed data stream into data subsets, simultaneously filtering the data subsets by using a speckle reduction filter to produce filtered data subsets, and producing an image data stream based on the filtered data subsets.